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PTO/SB/08A (08-00)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number 09/966,419
Filing Date September 27, 2001
First Named Inventor Vandenameele-Lepia, Patrick
Group Art Unit 2681 2662
Examiner Name Unassigned hong cho
Attorney Docket Number 020798-002000US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
hc	AA	5,912,878		Hrdiny	08/15/99	
	AB	6,002,718		Meyer, et al.	12/14/99	
	AC	6,061,327		Demoulin, et al.	05/09/00	
hc	AD	6,141,393		Thomas, et al.	10/31/00	
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					
	AM					
	AN					
	AO					
	AP					

FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
hc	AQ	EP	1030489	A1	Interuniversitair Micro-Elektronica	08/23/00		
	AR							
	AS							
	AT							
	AU							
	AV							
	AW							
	AX							

Examiner Signature *Hong Cho* Date Considered 9/29/2005

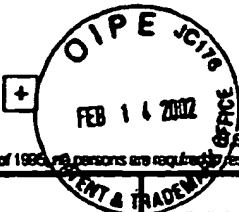
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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PTOSB03B (03-00)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 43

Complete if Known

Application Number 09/968,419
Filing Date September 27, 2001
First Named Inventor Vandenameele-Lepia, Patrick
Group Art Unit 2662
Examiner Name Hong Cho
Attorney Docket Number 020798-002000US

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U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
<u>hc</u>	AA	5,912,876		Hofmey	08/15/99	
	AB	6,062,716		Meyer et al.	12/14/99	
	AC	6,061,327		Demoulin et al.	05/09/00	
<u>hc</u>	AD	6,141,393		Thomas et al.	10/31/00	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub-class	Translation (Yes/No)
<u>hc</u> AE	EP 1 030 489 A1	23.08.2000	EPO	A1		NA

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

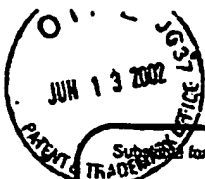
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
<u>hc</u>	AF	VANDENAMEELE, "Space Division Multiple Access for Wireless Local Area Networks," IMEC, October 2000, Catholic University, Leuven, Belgium	
	AG	U, ET AL., "Robust Channel Estimation for OFDM Systems with Rapid Dispersive Fading Channels," IEEE Transactions on Communications, July 1998, Vol. 46, No. 7, pp. 902-915	
	AH	JEON, ET AL., "An Equalization Technique for Orthogonal Frequency-Division Multiplexing Systems in Time-Variant Multipath Channels," IEEE Transactions on Communications, January 1999, Vol. 47, No. 1, pp. 27-32	
	AI	LUISE, ET AL., "Blind Equalization/Detection for OFDM Signals over Frequency-Selective Channels," IEEE Journal on Selected Areas in Communications, October 1998, Vol. 16, No. 8, pp. 1568-1578	
	AJ	HSIEH, ET AL., "Channel Estimation for OFDM Systems Based on Comb-Type Pilot Arrangement in Frequency Selective Fading Channels," IEEE Transactions on Consumer Electronics, February 1998, Vol. 44, No. 1, pp. 217-225	
	AK	U, ET AL., "Channel Estimation for OFDM Systems with Transmitter Diversity in Mobile Wireless Channels," IEEE Journal on Selected Areas in Communications, March 1998, Vol. 17, No. 3, pp. 481-471	
<u>hc</u>	AK	EDFORS, ET AL., "OFDM Channel Estimation by Singular Value Decomposition," IEEE Transactions on Communications, July 1998, Vol. 46, No. 7, pp. 931-939	

Examiner Signature	<u>Hong Cho</u>	Date Considered	<u>2/29/02</u>
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Substitute for form 1449B/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/966,419		
		Filing Date	September 27, 2001		
		First Named Inventor	Vandenameele-Lepia, Patrick		
		Art Unit	Unassigned 2662		
		Examiner Name	Unassigned- hong cho		
Sheet	1	of	1	Attorney Docket Number	020798-002000US

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U.S. PATENT DOCUMENTS						
Examiner	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)				
hc	AA	US-5,282,222		01/25/1994	Fattouche et al.	
hc	AB	US-5,487,069		01/23/1996	O'Sullivan et al.	
	AC	US-				
	AD	US-				
	AE	US-				
	AF	US-				
	AG	US-				
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Examiner Signature	<i>Hong Cho</i>	Date Considered	8/29/2005
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